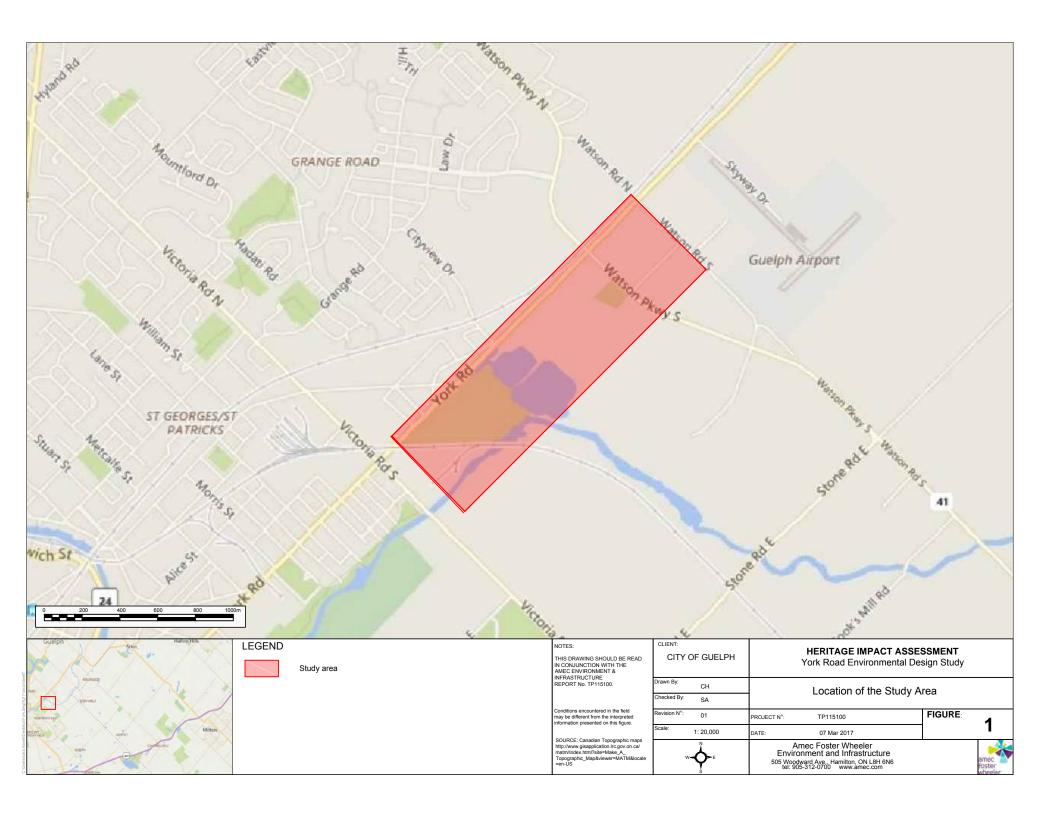
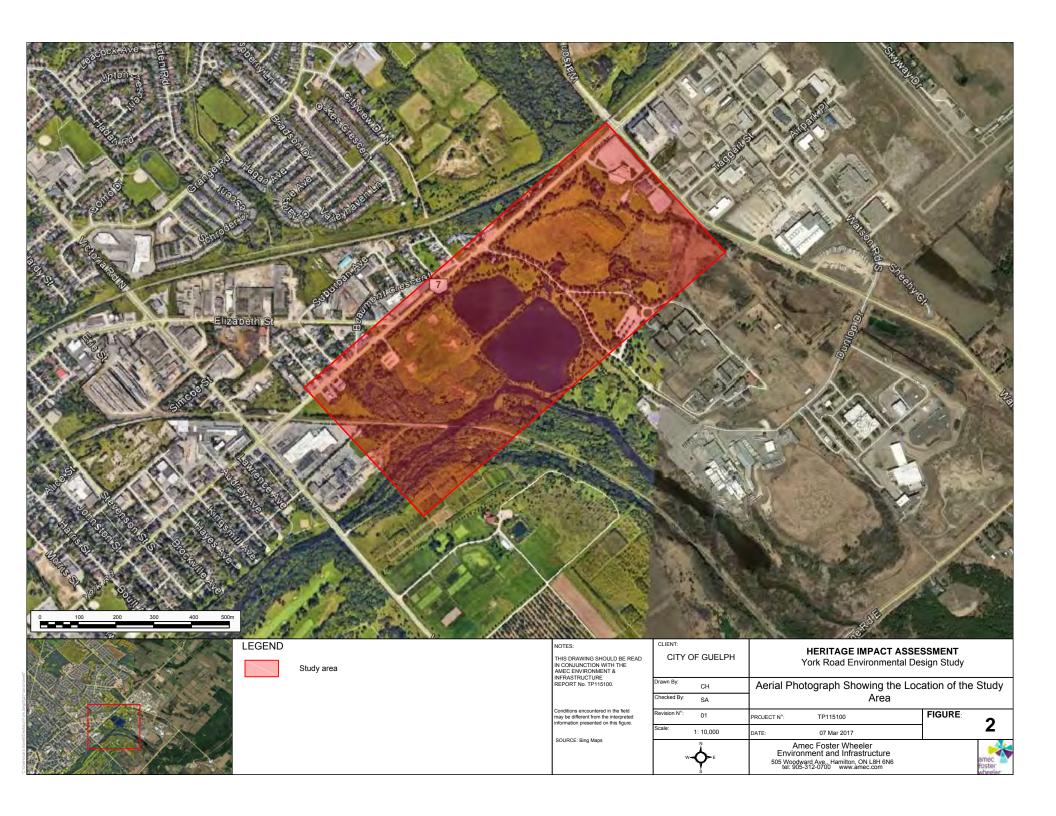
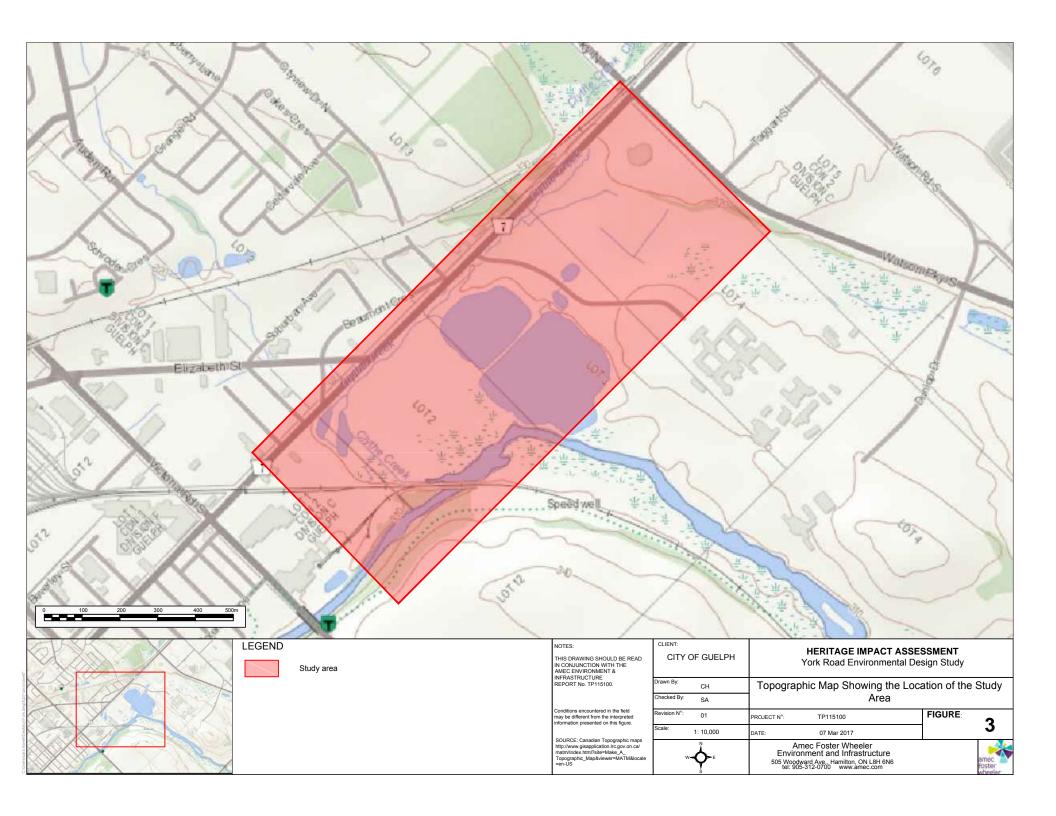
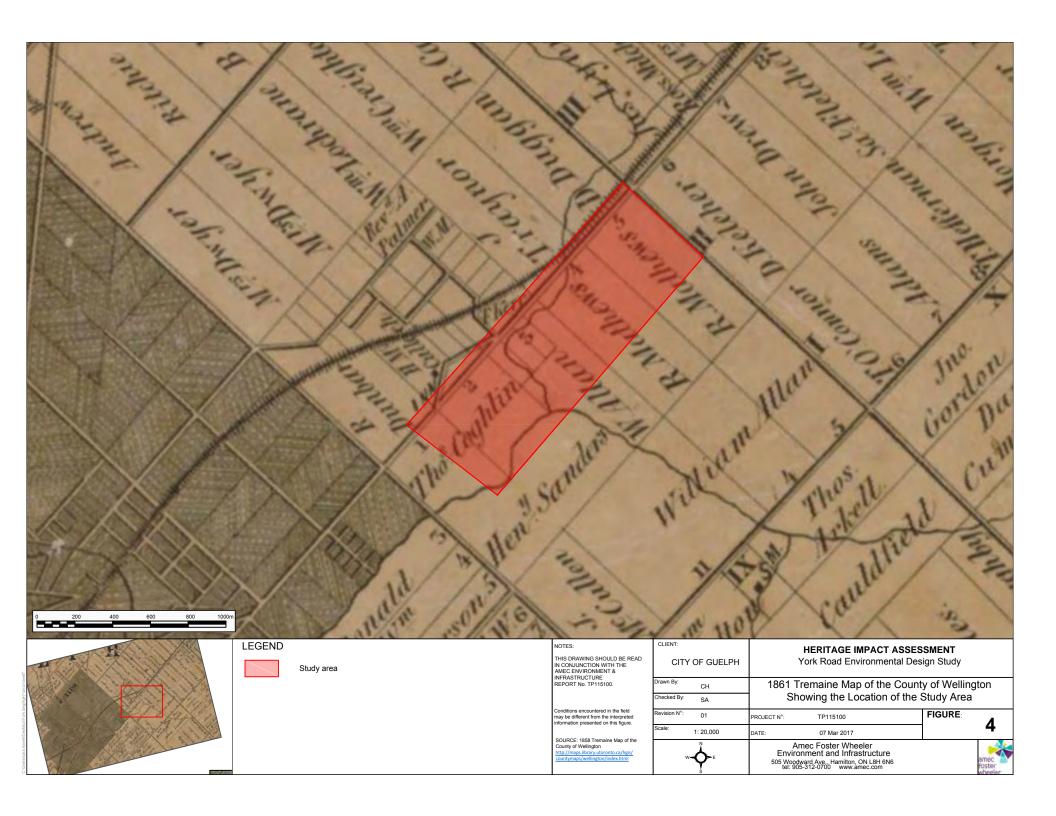


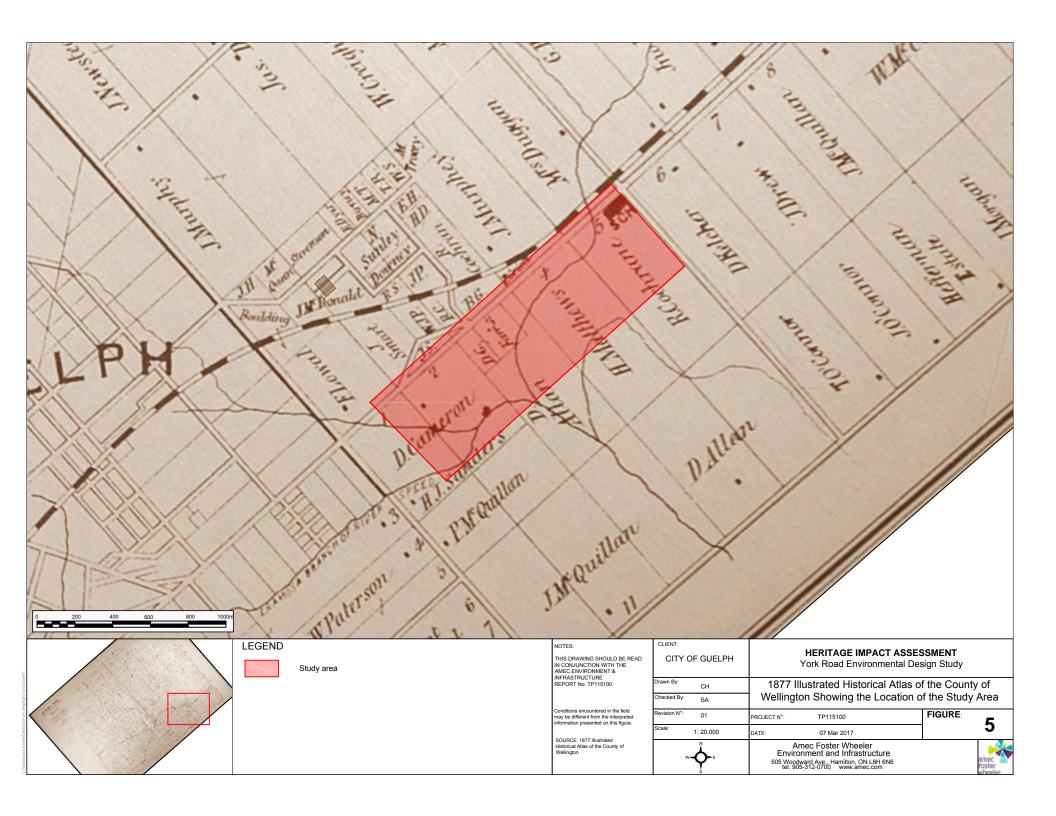
## APPENDIX A FIGURES

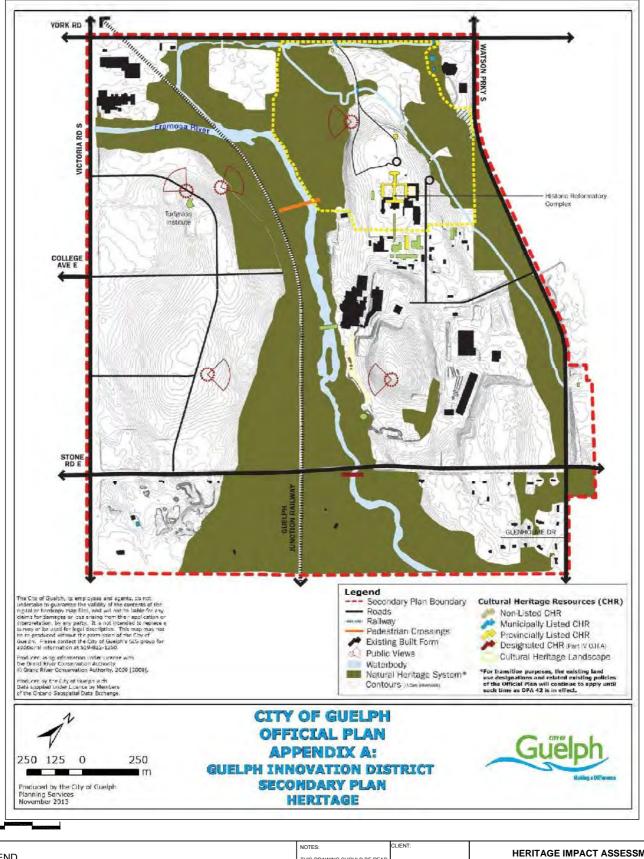












LEGEND

Indicated Above

THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH THE AMEC ENVIRONMENT & INFRASTRUCTURE REPORT No. TP115100.

Conditions encountered in the field may be different from the interpreted information presented on this figure.

SOURCE: City of Guelph, Official Plan Appendix A: Guelph Innovation District Secondary Plan, heritage

GLIENI.
CITY OF GUELPH
Drawn By:

HERITAGE IMPACT ASSESSMENT York Road Environmental Design Study

Guelph Innovation District, SA

Secondary Plan, Heritage FIGURE 01 PROJECT N°: TP115100

DATE



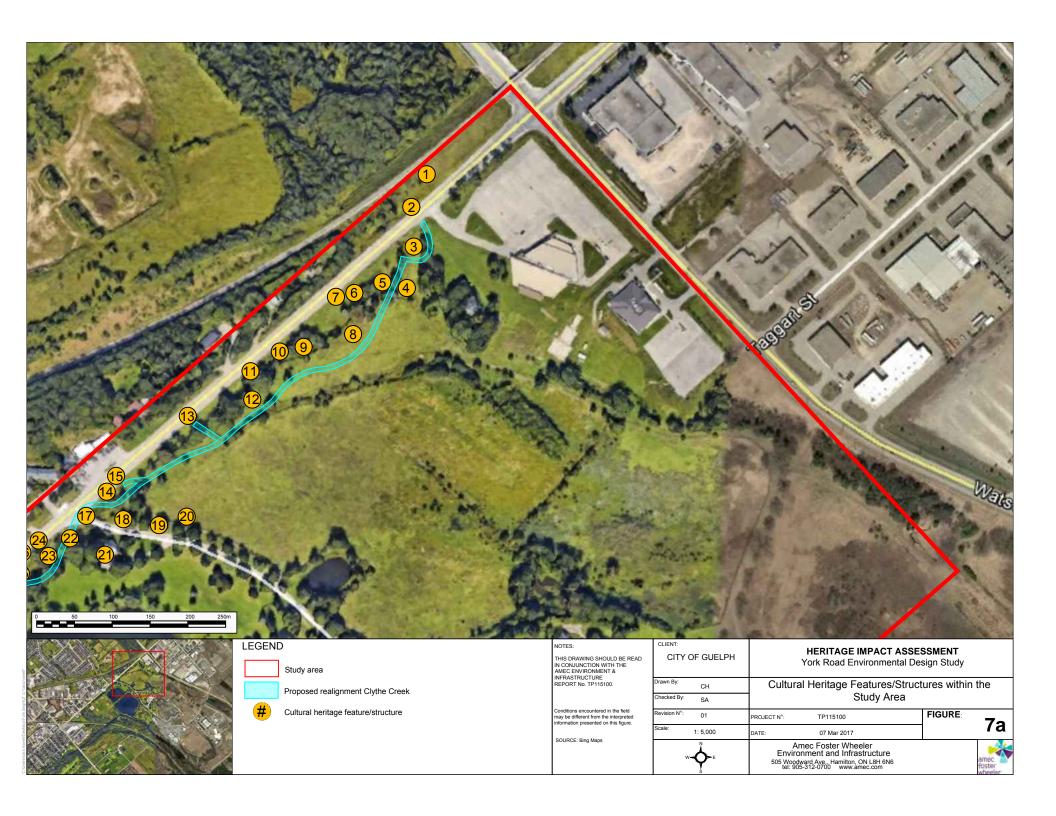
1: 25.000

Amec Foster Wheeler Environment and Infrastructure 505 Woodward Ave., Hamilton, ON L8H 6N6 tel: 905-312-0700 www.amec.com

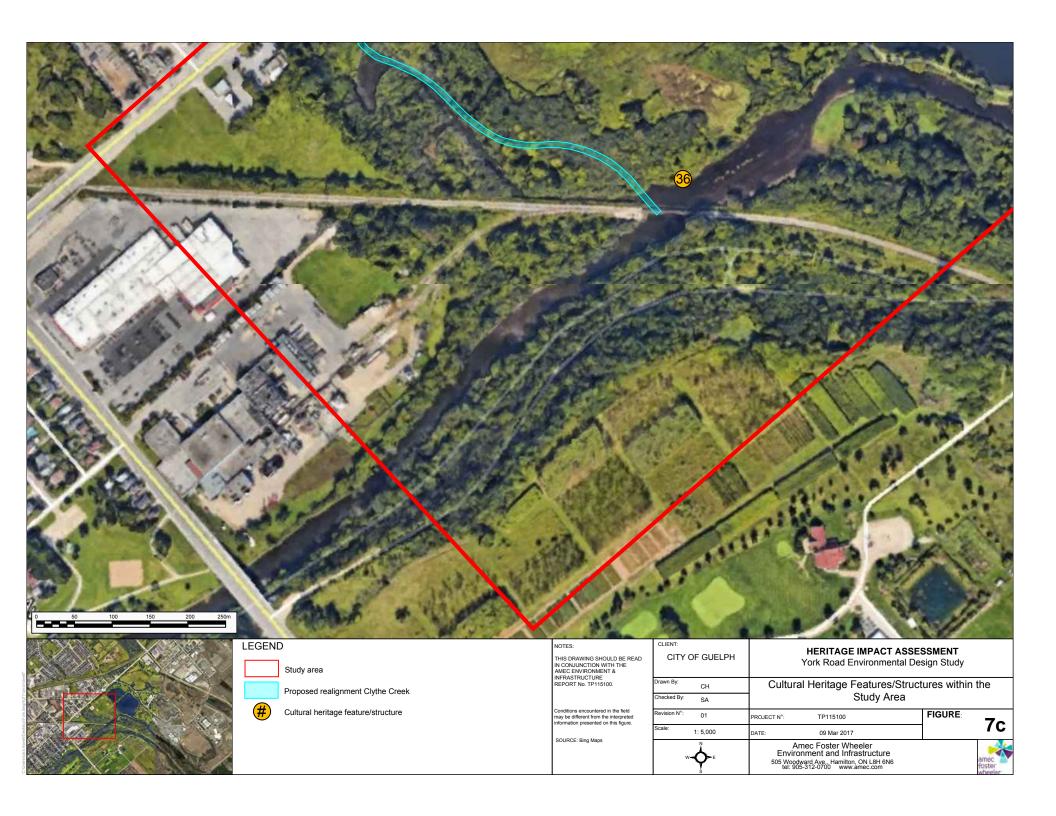
07 Mar 2017



6









## APPENDIX B PHOTOGRAPHS OF HERITAGE RESOURCES

PROJECT NO. TP115100

PROJECT HIA York Rd. Environmental Design Study

LOCATION Guelph, Ontario ENCLOSURE 1





#### **PHOTOGRAPH**

1

#### Description

Ashlar Stone Culvert

Potential BHR



#### **PHOTOGRAPH**

2

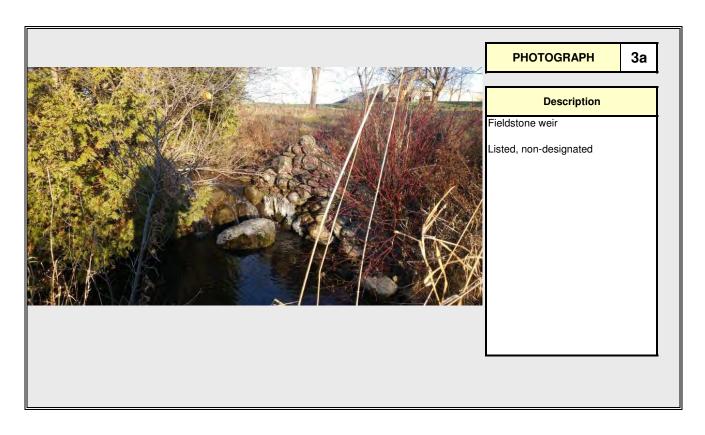
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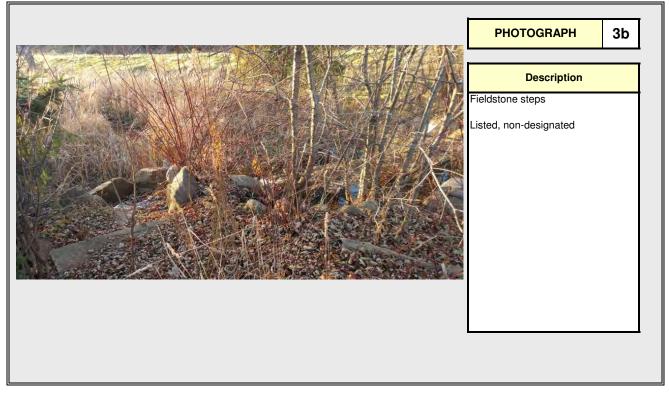
Reinforced concrete road bridge railing (remnant)

PROJECT NO. TP115100

PROJECT HIA York Rd. Environmental Design Study







PROJECT NO. TP115100

PROJECT HIA York Rd. Environmental Design Study

LOCATION Guelph, Ontario ENCLOSURE 3



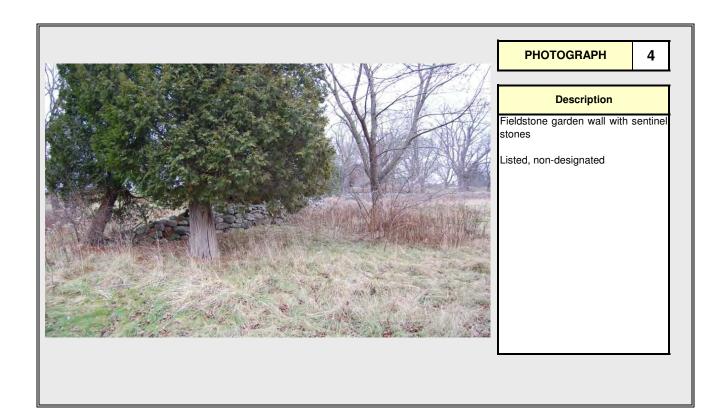


#### **PHOTOGRAPH**

3с

#### Description

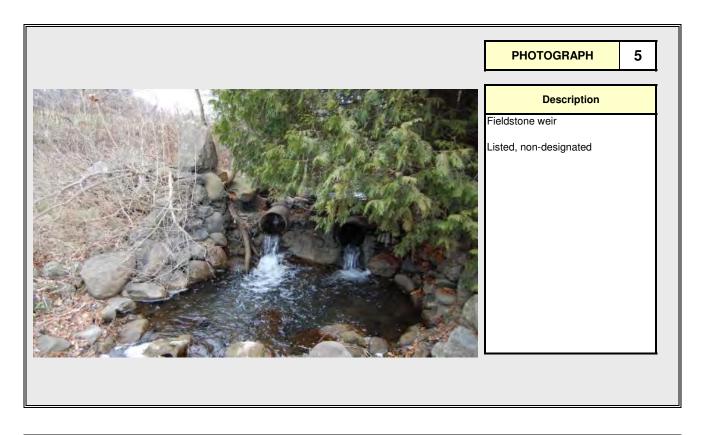
Fieldstone sentinel stones

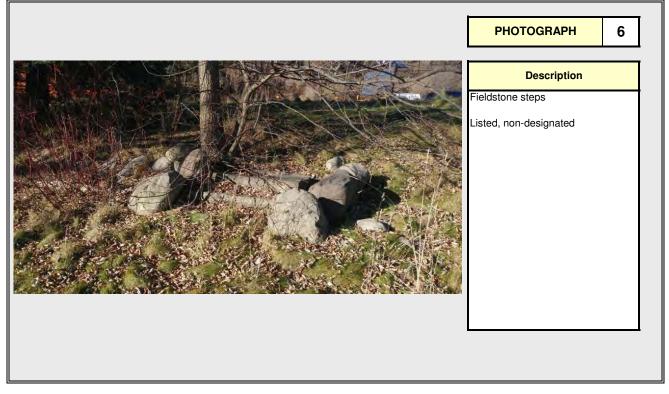


PROJECT NO. TP115100

PROJECT HIA York Rd. Environmental Design Study



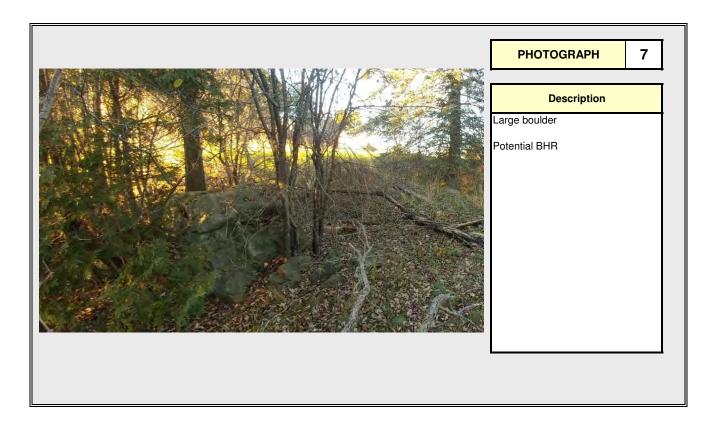


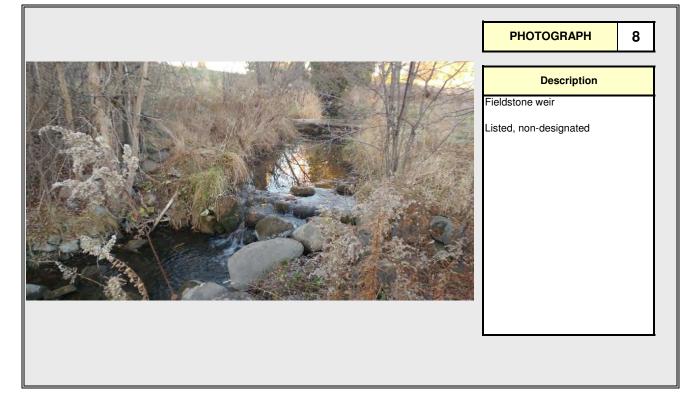


PROJECT NO. TP115100

PROJECT HIA York Rd. Environmental Design Study



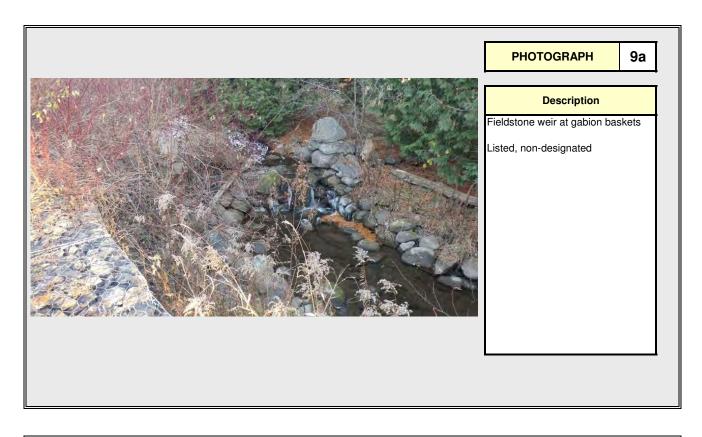


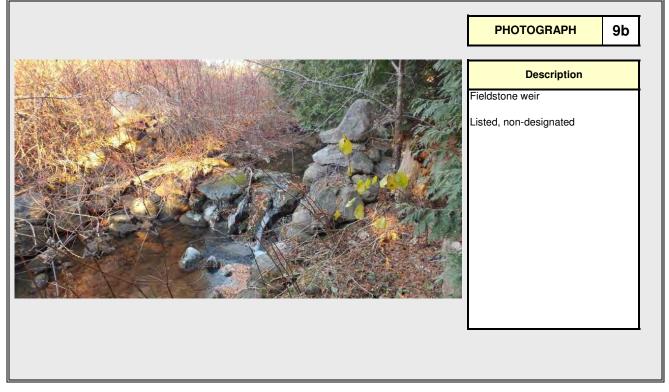


PROJECT NO. TP115100

PROJECT HIA York Rd. Environmental Design Study







PROJECT NO. TP115100

PROJECT HIA York Rd. Environmental Design Study

LOCATION Guelph, Ontario ENCLOSURE





#### **PHOTOGRAPH**

9с

#### Description

Fieldstone weir

Listed, non-designated



#### **PHOTOGRAPH**

10

#### Description

Fieldstone weir beside gambion baskets

PROJECT NO. TP115100

PROJECT HIA York Rd. Environmental Design Study

LOCATION Guelph, Ontario ENCLOSURE 8





#### **PHOTOGRAPH**

11a

#### Description

Fieldstone weir, steps and ashlar stone terrace wall

Listed, non-designated



#### **PHOTOGRAPH**

11b

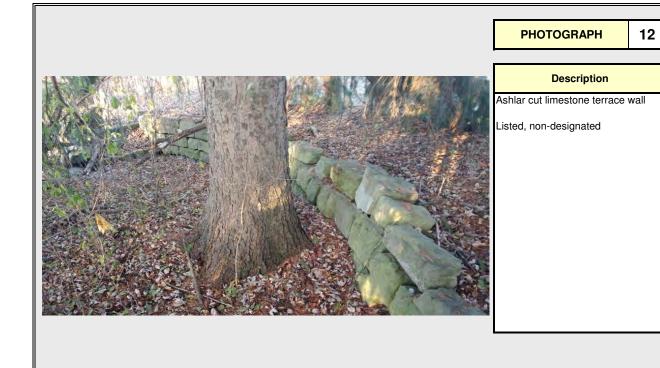
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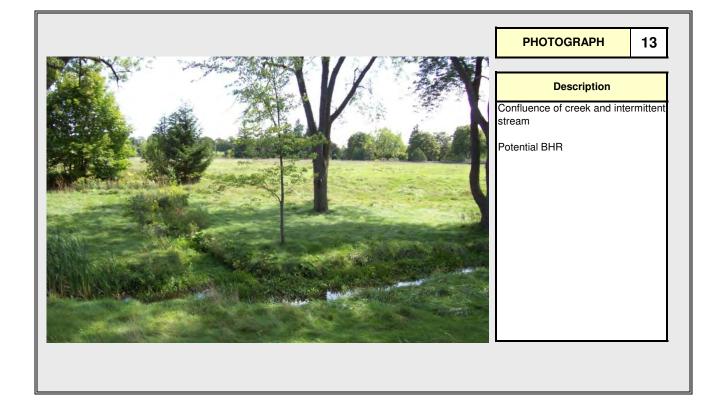
Fieldstone weir, steps and ashlar stone terrace wall

PROJECT NO. TP115100

PROJECT HIA York Rd. Environmental Design Study







PROJECT NO. TP115100

**PROJECT** HIA York Rd. Environmental Design Study

LOCATION Guelph, Ontario **ENCLOSURE** 10





#### **PHOTOGRAPH**

14

#### Description

Fieldstone weir

Listed, non-designated

# **PHOTOGRAPH** Description Fieldstone entrance wall Listed, non-designated

15a

PROJECT NO. TP115100

**PROJECT** HIA York Rd. Environmental Design Study

LOCATION Guelph, Ontario **ENCLOSURE** 11





Description

15b

Fieldstone entrance wall, curved with sentinel stones

Listed, non-designated



#### **PHOTOGRAPH**

16

#### Description

Fieldstone entrance wall, curved with sentinel stones

PROJECT NO. TP115100

PROJECT HIA York Rd. Environmental Design Study

LOCATION Guelph, Ontario ENCLOSURE 12





#### **PHOTOGRAPH**

17

#### Description

Stone and concrete road bridge

Listed, non-designated



#### **PHOTOGRAPH**

18

#### Description

Fieldstone steps

PROJECT NO. TP115100

PROJECT HIA York Rd. Environmental Design Study

LOCATION Guelph, Ontario ENCLOSURE 13





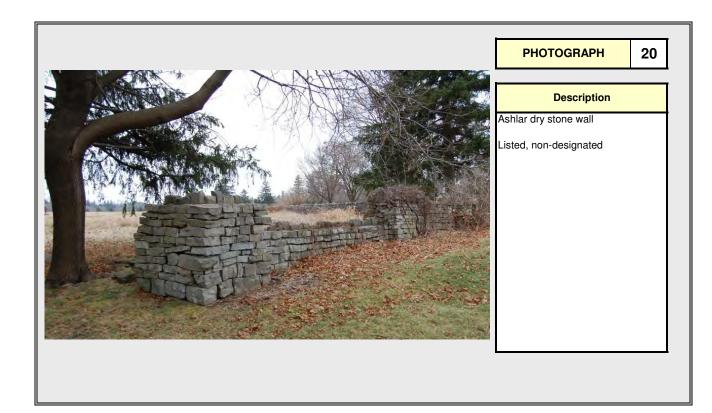
#### **PHOTOGRAPH**

19

#### Description

Entrance sign, ashlar, rock-faced limestones with jack arch

Potential BHR

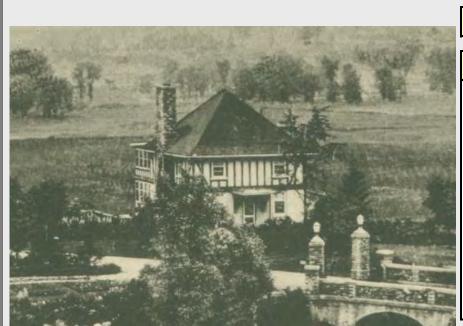


PROJECT NO. TP115100

PROJECT HIA York Rd. Environmental Design Study

LOCATION Guelph, Ontario ENCLOSURE 14



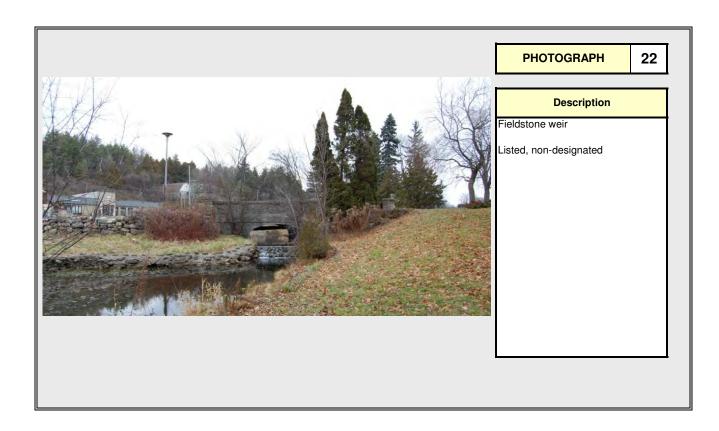


#### **PHOTOGRAPH**

21

#### Description

Willowbank Hall

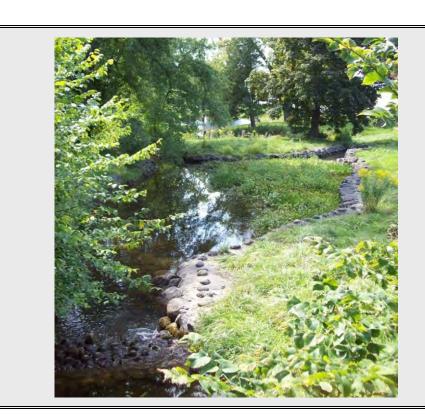


PROJECT NO. TP115100

PROJECT HIA York Rd. Environmental Design Study

LOCATION Guelph, Ontario ENCLOSURE 15

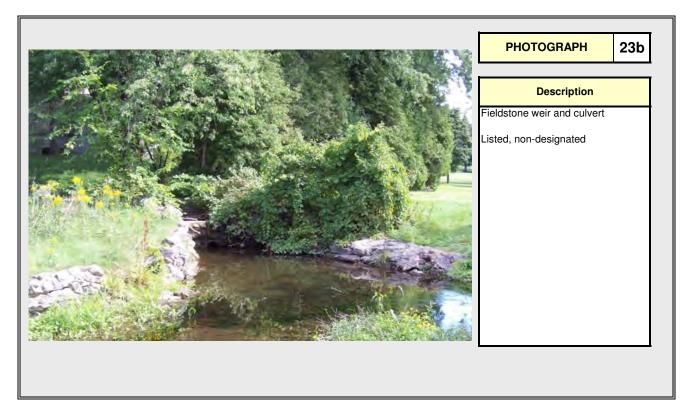




#### PHOTOGRAPH 23a

#### Description

Fieldstone weir and culvert

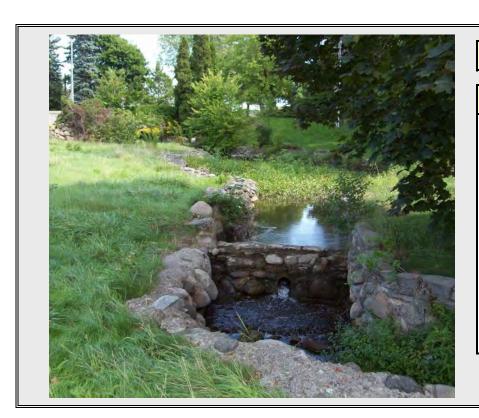


PROJECT NO. TP115100

PROJECT HIA York Rd. Environmental Design Study

LOCATION Guelph, Ontario ENCLOSURE 16

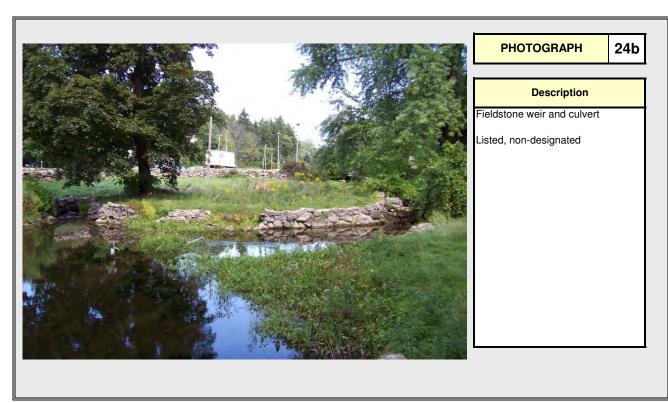




#### PHOTOGRAPH 24a

#### Description

Fieldstone weir and culvert



PROJECT NO. TP115100

PROJECT HIA York Rd. Environmental Design Study

LOCATION Guelph, Ontario ENCLOSURE 17



25





#### Description

Fieldstone weir

Listed, non-designated



#### **PHOTOGRAPH**

26

#### Description

Fieldstone weir

PROJECT NO. TP115100

PROJECT HIA York Rd. Environmental Design Study

LOCATION Guelph, Ontario ENCLOSURE 18





#### **PHOTOGRAPH**

27

#### Description

Arched concrete and metel pedestrian bridge with stone abutments Potential BHR



#### **PHOTOGRAPH**

28

#### Description

Limestone pillars with wood board fencing leading to main entrance

Potential BHR

PROJECT NO. TP115100

PROJECT HIA York Rd. Environmental Design Study

LOCATION Guelph, Ontario ENCLOSURE 19





#### **PHOTOGRAPH**

29

#### Description

Limestone pillars with wood board fencing leading to main entrance

Potential BHR



#### **PHOTOGRAPH**

30

#### Description

Limestone pillars with wood board fencing leading to main entrance

Potential BHR

PROJECT NO. TP115100

**PROJECT** HIA York Rd. Environmental Design Study

LOCATION Guelph, Ontario **ENCLOSURE** 20



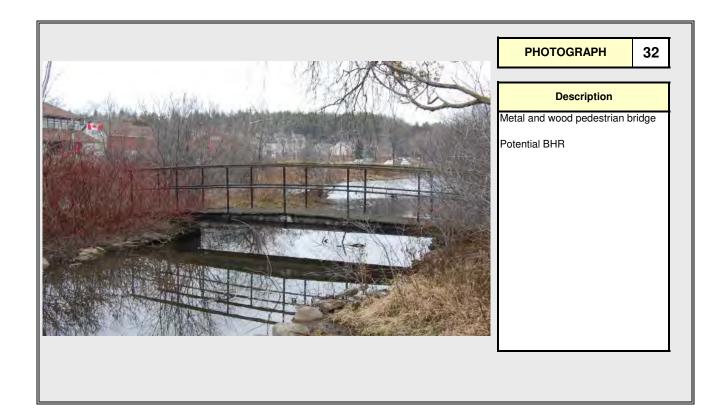


**PHOTOGRAPH** 

31

#### Description

Metal and wood pedestrian bridge

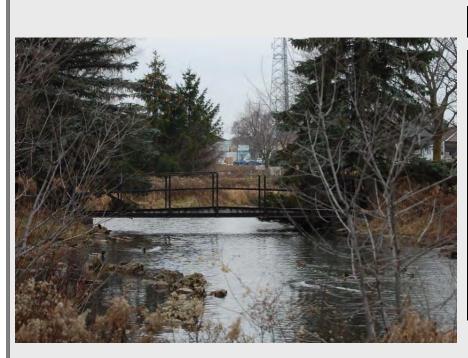


PROJECT NO. TP115100

PROJECT HIA York Rd. Environmental Design Study

LOCATION Guelph, Ontario ENCLOSURE 21





#### **PHOTOGRAPH**

33

#### Description

Metal and wood pedestrian bridge

Potential BHR



#### **PHOTOGRAPH**

34

#### Description

Confluence of Clythe Creek and Hadati Creek

Potential BHR

PROJECT NO. TP115100

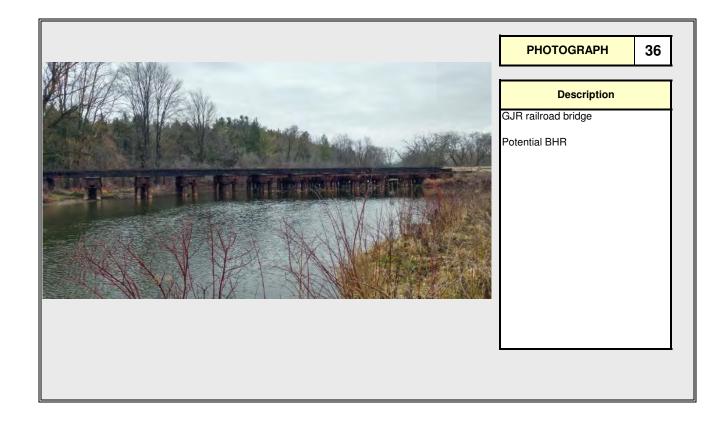
PROJECT HIA York Rd. Environmental Design Study

LOCATION Guelph, Ontario ENCLOSURE 22



35







#### **APPENDIX C**

ONTARIO HERITAGE TRUST, ENTITLED
PRELIMINARY HERITAGE EASEMENT
ASSESSMENT BY ONTARIO HERITAGE TRUST
STAFF



### Preliminary Heritage Easement Assessment by Ontario Heritage Trust Staff

An agency of the Government of Ontario-

The preliminary findings of this assessment are not binding, definitive or final. Trust recommendations regarding heritage value and easement acquisition always require the authorization of the Trust's Board of Directors.

Background

On July 8, 2013, Infrastructure Ontario (IO) requested a Trust staff preliminary heritage easement assessment for the Guelph Correctional Centre. The Guelph Correctional Centre opened in 1915 and was originally located on 800 acres. The property, located at 785 York Road, now consists of about 45 buildings constructed between 1911 and 1972. The prison was closed and vacated in 2001. The property has been declared surplus to the needs of the provincial government. The expected disposal date is currently undetermined.

The following document is a summary of the findings and recommendations of the Trust staff preliminary heritage property assessment.

#### **Property Information**

- Subject Property: The 106-hectare (263-acre) property is located on the south side of York Road (Highway 7)
- Common name(s): Guelph Correctional Centre, Ontario Reformatory
- Owner: Infrastructure Ontario
- · Agent: Infrastructure Ontario
- Municipality: City of Guelph
- Community: Guelph
- Municipal address: 785 York Road, City of Guelph, Wellington County
- Description of lands: Part of Lot 12, Concession 1, Broken Front, east side of Division G, Lots 3, 4, and 5, inclusive of Concession 1, and Lots 3 and 4, Division C in the City of Guelph
- Year built: 1911-1917 (John Lyle designed Administration Building, Tower & Main Corridor, B Cells, T Dormitory, C Cells, C Dormitory, K Corridor, Library & Canteen, Large Dining Hall). Industrial Buildings: Services Tunnel, Woolen Mill, Machine Shop, Powerhouse, Wood Kiln Buildings, Mechanical Storage, Willowbank Hall, Greenhouse
- Additions: Several additions 1921: Warden's House, 1938-39: D Cells, 1948-50:
   Assessment Centre,1956-57: Staff Dining Hall and a number of post 1970 buildings mostly constructed in the industrial area. The landscape including the stone walls, fences, bridges etc was completed by inmate labour.
- Heritage protection: Provincially-owned
- Heritage commemoration or recognition: None

**Property Research** 

Trust staff (Erin Semande, (A) Registrar; Laura Hatcher, (A) Easements Program Coordinator and Barbara Heidenreich, Natural Heritage Coordinator) visited the site on August 7, 2013 with representatives from Infrastructure Ontario.

#### Partners and experts consulted:

- · Abbey Flower, Infrastructure Ontario
- · Frank Dieterman, Infrastructure Ontario
- Gord Lochhead, Security Guard at the Guelph Correctional Centre

#### Research materials and documents consulted:

- Central Archaeology Group. Stage 2 Archaeological Property Survey Guelph Correctional Centre. February 2009.
- Content Works. Conservation Plan for the Guelph Correctional Centre Heritage Place. May 2009.
- Content Works, Cultural Heritage Assessment Report: Former Guelph Correctional Centre. June 2006.
- D.R. Poulton & Associates Inc. The Stage 1 Archaeological Component of the Cultural Heritage Assessment of the Guelph Correctional Centre. April 2006.
- Natural Resource Solutions Inc. Guelph Correctional Centre Natural Heritage Assessment. January 2013.
- Taylor Hazell Architects Ltd. Et al. Guelph Correctional Centre Adaptive Reuse Study. March 2013

#### Staff Heritage Evaluation

Trust staff have reviewed the Subject Property against the eight criteria described in Ontario Regulation 10/06 to screen and/or confirm the potential for provincial heritage significance.

Criterion 1. The property represents or demonstrates a theme or pattern in Ontario's history.

The Guelph Correctional Centre is associated with the provincial theme of Law and Security. It is one of Canada's largest and most intact correctional facilities designed specifically to support late 19<sup>th</sup> and early 20<sup>th</sup> century ideals of rehabilitation, rather than punishment, for individuals incarcerated for breaking the law. Prison reform was supported by Theodore Chamberlain, the Province's Inspector of Prisons and Public Charities and John Hanna, Conservative MPP and Provincial Secretary. Inmate labour was used to prepare the site for construction and to erect both temporary and permanent buildings. The inmate work extended to the park-like grounds and is evident in the pathways, stone walls and garden features of the site. Due to the high integrity of the heritage features associated with the theme of Law and Security, the Guelph Correctional Centre has the potential to possess provincial significance under Criterion 1.

Criterion 2. The property yields, or has the potential to yield, information that contributes to an understanding of Ontario's history.

The research potential for the Guelph Correctional Centre is based largely on the embodiment of political and social themes within the site's architecture and design. The design, architecture and landscape of the Guelph Correctional Centre property is reflective of prison reform and contributes to an understanding of the evolution and history of inmate treatment and rehabilitation in the 20<sup>th</sup> century. A true understanding of the inmate experience can only be gained by visiting the site in person. As such, its research value is embodied in the physiological response that it evokes. Associated events, such as the illegal nurse's strike in 1920 had limited implications on broader society and are, therefore, of little research interest. The 1952 inmate riots led to further reforms in prisons of the mid 20<sup>th</sup> century, but the Guelph Correctional Centre property itself does little to inform this story and yields little research value.

November 6, 2013 2/13

The connection between physical design and the inmate experience means that the Guelph Correctional Centre has the potential to possess provincial with significance under Criterion 2.

Criterion 3. The property demonstrates an uncommon, rare or unique aspect of Ontario's cultural heritage.

Further independent research will need to be conducted on prison complexes located in Ontario in order to make a definitive statement on this criterion. In addition, the integrity of the heritage attributes of comparable complexes will need to be assessed to determine whether Guelph is a well preserved example of a common prison type or whether it is a unique heritage resource in the province. Based on information provided in reports and the well preserved integrity of the heritage attributes (such as the collection of landscape features completed by inmate labour, the expanses of open space and the Beaux-arts architecture of the buildings), it is probable that the Guelph Correctional Centre demonstrates a unique aspect of Ontario's history and has the potential to possess provincial significance under Criterion 3.

Criterion 4. The property is of aesthetic, visual or contextual importance to the province.

The landscaped grounds of the Guelph Correctional Centre's southern forecourt possess provincial aesthetic value. The City Beautiful Movement, popular in North America from the late 19th century to the start of the Great Depression was an urban planning style and strategy that promoted the creation of civic beauty through architectural harmony, unified design and visual variety. It is likely that the grounds at Guelph Correctional Centre were influenced by the principles of this movement. The picturesque grounds of the southern forecourt include a large park-like area with mature trees, vehicular and foot bridges, stone fences, man-made ponds and a section of the Clythe Creek. Many of the landscape features that add significantly to the scenic value of the property were built by prison labour. The grounds also contain pedestrian paths and a winding vehicular approach road that extends up the gentle slope to the main complex from York Road. The waters of Clythe Creek have been diverted by small dams and weirs to create artificial ponds and brooks. The parkland in front of the main complex contains two separate residential structures that were originally built to house the Superintendent and the Prison Engineer (Willowbank Hall). While the context of the property has been significantly changed by adjacent industrial and commercial developments, the aesthetic importance of the property is of provincial value and has high integrity. Consequently, the Guelph Correctional Centre has the potential to possess provincial significance under Criterion 4.

Criterion 5. The property demonstrates a high degree of excellence or creative, technical or scientific achievement at a provincial level in a given period.

The Administration Building, cell blocks and the industrial buildings are constructed of locally quarried limestone. Much of the limestone (with the exception of the Administration Building) has been covered in corrugated metal or brown brick, thereby hiding the original construction material. While the dams, weirs and ponds are interesting and create an aesthetically pleasing setting, they do not have great technological importance to the province. Further, there were not any technical, scientific or engineering achievements of provincial importance that occurred at the Guelph Correctional Centre. The Guelph Correctional Centre does not have the potential to possess provincial significance under *Criterion 5*.

Criterion 6. The property has a strong or special association with the entire province or with a community that is found in more than one part of the province. The association exists for historic, social, or cultural reasons or because of traditional use.

November 6, 2013 3/13

There are no apparent religious, spiritual or sacred associations with the Guelph Correctional Centre. While the Guelph Correction Centre was built by the government of Ontario, this property fails to demonstrate a strong historic or social connection to the entire province. A series of murals, painted by an unknown First Nation artist are painted directly on the wall of the kitchen. There is no information about the artist or whether the paintings have a special association to the arts community or First Nations. Therefore, based on current information, the Guelph Correctional Centre does not have the potential to possess provincial significance under *Criterion* 6.

Criterion 7. The property has a strong or special association with the life or work of a person, group or organization of importance to the province or with an event of importance to the province.

The Guelph Correctional Centre is associated with architect John M. Lyle. Lyle trained as an architect at the Yale School of the Arts and the École des Beaux-Arts in Paris. He spent a number of years working in New York City for several large architectural firms. On his return to Canada in 1906, he became a key figure in the dissemination of Beaux-Arts ideals to the architectural profession and a leader in Toronto's City Beautiful movement. In preparation for his design of the Guelph Correctional Facility, Lyle visited several prisons in the United States. Lyle's Beaux-Arts approach to the overall complex, particularly the use of symmetry, repetition and hierarchy is still legible. These qualities are also found in the spatial arrangement of the cell blocks, the arrangement of windows, the orientation of internal access routes and the relationship of the cells to the internal courtyard. Further research into Lyle's body of work is necessary to determine where the Guelph Correctional Centre fits into his lengthy career as a successful architect. Based on the information provided, the Guelph Correctional Centre has the potential to possess provincial significance under Criterion 7 for its association John M. Lyle.

Criterion 8. The property is located in unorganized territory and the Minister determines that there is a provincial interest in the protection of the property.

The Subject Property is located in an incorporated municipality and therefore criterion 8 does not apply.

It is the opinion of Trust staff that, based on the review of the criteria described in Ontario Regulation 10/06, the *Subject Property* does have the potential to possess cultural heritage value or interest of provincial significance.

Trust staff recommend that the owner / requestor submit a formal request to the Trust Board of Directors to confirm the heritage value and determine the Trust's interest in holding a conservation easement.

#### Discussion with Requestor/Stakeholder

On September 20, 2013, representatives of the Trust, Infrastructure Ontario and MTCS held a meeting to discuss the preliminary heritage easement assessment and address any outstanding concerns resulting from the site visit and review of provided materials.

IO staff requested the exclusion of Willowbank Hall (a residence located at the York Road entrance) from the list of heritage features to permit its possible demolition. In the opinion of Trust staff, given its location on the property, Willowbank Hall is stylistically consistent and contributes to the historical and architectural value of the ornamental grounds (i.e. the landscape) at the front of the property.

November 6, 2013 4/13

IO staff also asked for clarification about the protection and permitted alterations of the prison courtyard area and whether potential courtyard "infill" would be allowed. Trust staff have clarified that the courtyards contribute to the potential heritage value of the prison complex. Consequently the courtyards are heritage features. The courtyards were integral to the design of the complex, as they allowed for natural light and natural ventilation in the prison's cells and hallways. Future uses and proposed alterations of the courtyards should retain natural light into the prison and should limit obstructions that would alter the scale, symmetry and openness of the courtyard spaces. Should IO wish to enter into discussions with the Trust regarding specific future alterations, a formal written request for an easement should be submitted to the Trust.

Trust staff indicated that the art painted on the walls of the kitchen area may be of interest to a First Nations. Anecdotal evidence suggests that the artist was, at one time, an inmate at the Guelph Correctional Centre (likely post 1960s). It is believed he is a recognized artist.

## Preliminary OHT staff heritage easement assessment - Conclusions and Recommendations

Informed by a review of the aforementioned reports, a site visit and discussions with IO and MTCS, Ontario Heritage Trust staff have arrived at the following conclusions and recommendations:

- The Subject Property does have the potential to possess cultural heritage value or interest of provincial significance.
- 2. The Subject Property is a viable candidate for protection with a Trust conservation easement.
- IO should submit a formal written request to the Trust's Board of Directors / Executive Director to confirm the heritage value and Trust interest in holding a heritage conservation easement.
- 4. The property possesses at least three distinct landscape zones. A zoned cultural heritage landscape approach should be utilized to delineate the coverage of an OHT easement for the Guelph Correctional Centre.
- 5. The Provincially Significant Cultural Heritage Landscape, as protected by a Trust easement, should be divided into the following three zones (see map on page 8 for a visual representation of the proposed CHL and easement boundaries):
  - A) Ornamental grounds and remnant farming landscape
    - Open lawns, serpentine drive, tree-lined drives, mature trees, stone walls/fences, concrete bridges, man-made ponds, dams, streams, creeks and bridges
    - Exterior of Willowbank Hall The residence of the chief engineer located near the main entrance to the site
    - Exterior of Superintendent's Residence Arts and Crafts-style residence constructed in 1921
    - Natural heritage features:
      - Eramosa River a Provincially Significant Life Science ANSI
      - Clythe Creek wetland complex a meadow marsh dominated by cattail, sedges and grasses

November 6, 2013 5/13

- Remnants of former agricultural fields
- Areas providing habitat to rare species of flora and fauna

### B) Detention Complex:

- Exterior of the Beaux-Arts Administration Building
  - Massing, symmetry, limestone construction and fenestration pattern
- Exterior of the Tower and Main Corridor
  - Massing and limestone construction
- Exterior of the Cell Blocks and Dormitories: B Cells and C Cells, T Dormitory, C Dormitory, K Corridor, Dining Hall, Library and Canteen.
  - Massing, shape, fenestration pattern, original windows and internal courtyards
  - The large bows on the side elevations of each dormitory
  - Note: the 1970s brown brick cladding does not possess cultural heritage value and should not be listed as a heritage feature in an OHT easement

### C) Utility Complex

- Exterior of the Machine Shop
  - Massing and rough cut limestone laid in broken coursing
- Interior easement coverage should be applied to a selection of prison cells that best represent the design intent of John Lyle (to be selected at a later date).
- 7. The following buildings and structures do not appear to possess cultural heritage value or interest of provincial significance:
  - D Cells, Staff Dining Hall, Assessment Centre Corridor, Assessment Centre, Kitchen, Clothing Dispensary, Assembly Hall, New Gym, Chapel, Tunnel, Woollen Mill Building, Cannery Storage, Cannery Laundry Building, Cannery Storage, Wood Kiln Building, Power House, Mechanical Storage, Oil & Cement Shed, Paint Shed, Stores Building, Lumber Storage, Implement Building 1 & 2, Garage, Greenhouse, Greenhouse Stores, Services Building, New Reservoir, Horse House, Industrial Building, Barn.
- 8. Based on the above proposed coverage, a total of \$150,000 is required to support the Trust with short and long term easement costs. This amount is an order of magnitude estimate that has not been approved by the Trust's Board of Directors. To obtain greater clarity/certainty on endowment costs, IO should submit a formal written easement request to the Trust.

November 6, 2013 6/13

Preliminary Heritage Easement Assessment - Guelph Correctional Centre (Ontario Reformatory)

Michael Sawchuck

Manager, Acquisitions and Conservation Services

Nov 6/13 Date

**Limitations of the Report** 

This is a preliminary heritage easement assessment conducted by Trust staff. No additional or independent research has been undertaken on the *Subject Property*. The findings and issues have not been presented to the Trust's Board of Directors and the conclusions and recommendations do not reflect the corporate position of the Trust. Nor do these recommendations confer any real property or other legal authorization. Confirmation of the heritage value and significance and the Trust's potential interest in holding an easement on this property or any portion of the *Subject Property* would require a formal written submission to the Trust's Board of Directors.

Attachments: Maps and Images

November 6, 2013 7/13



# APPENDIX D EMAIL FROM ONTARIO HERITAGE TRUST

From: Kiki Aravopoulos [mailto:Kiki.Aravopoulos@heritagetrust.on.ca]

**Sent:** February-13-17 3:26 PM

To: Chipps, Steve <<u>Steve.Chipps@amecfw.com</u>>; <u>Arun.Hindupur@guelph.ca</u>;

Stephen.Robinson@guelph.ca

Cc: Jennifer Henshaw < <a href="mailto:jhenshaw@matrix-solutions.com">jhenshaw@matrix-solutions.com</a>; Axford, Linda < <a href="mailto:Linda.Axford@amecfw.com">Linda.Axford@amecfw.com</a>

**Subject:** Guelph Correctional - Option 3 - OHT Comments

Hi everyone,

Thanks again for the useful discussion last week and for providing a rationale for the preferred option. It appears that Option 3 is trying to balance both the cultural and natural heritage interests of the site which can be challenging. The Trust is supportive of this option but would like to see the cultural heritage features retained in situ with no or minimal impacts to them. While it is understood that some of the features will need to be altered to accommodate the road widening there needs to be a better understanding of which features will be impacted and the exact nature of these alterations. I have provided some additional comments below concerning the preferred option.

### **Proposed Alterations**

I have attached a copy of the drawings for Option 3 with some comments. There needs to be greater clarity around the terms used in the drawings to understand exactly which features will be altered and to what extent. I believe some of this was discussed on the phone but it also needs to be reflected in the drawing. Can you please update and revise the Option 3 drawings to accurately reflect the proposed impacts to the cultural heritage features. Where no impacts are anticipated it should be clearly stated. For example if a feature is to be retained in situ with no other impact than the loss of flow it should be clearly stated. Where the term modified is used there should be a clear understanding of what that modification entails.

#### Interpretation

It was discussed how the creek realignment and the proposed trail can provide enhanced opportunities for interpretation. The interpretation of the site should play a role in the mitigation strategy for the proposed alterations to the cultural heritage features. The interpretation should communicate the cultural heritage value of the property to visitors and in particular reflect the importance of the inmates' work as tangible evidence supporting the ideals surrounding prison reform and rehabilitation at the time. I believe it was mentioned that an interpretation strategy would be part of the HIA that is currently being prepared. This strategy should identify themes to be interpreted and methods of interpretation.

#### Trees

Stephen mentioned the City would be interested in knowing which trees are to be impacted and how by the road widening. The Trust would also like to have this information as the trees are part of the cultural heritage landscape.

Please let me know if you have any questions/concerns regarding these comments.

Thank you.

**Kiki Aravopoulos** I Easements Program Coordinator Ontario Heritage Trust 10 Adelaide Street East, Suite 202, Toronto, Ontario, Canada M5C 1J3 Telephone: 416-314-1751 I Fax: 416-314-5979 Email: kiki.aravopoulos@heritagetrust.on.ca

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## DOES THIS MEGN THERE ARE NO ALTERSTONS PROPOSED FOR THE SUTUS L. FESTIGE

CANTO CLORIFY NHST THIS MESAS IS IT IN REFERENCE TO MUNICIPAL Feature 86. Fields



Feature #6. Fieldstone steps (listed, non-designated significant feature). No impact to feature anticipated



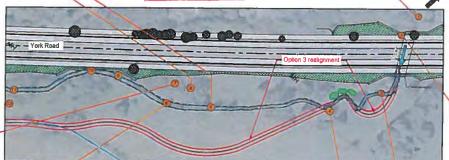
Feature #5. Fieldstone weir with clay pipes (fisted, non-designated significant feature). No impact to feature indicipated, Feature is a substantial barrier to fish passage and firming factor in overall channel furbing and health. Feature to be taken of filancificance-necled from active flows as a result of channel furbing and filancificance of the filancial forms of filancial filanc



Feature #1: Ashlar stone culvert (potential significance). No impact to feature anticipate



Feature #7 Large boulder or bedrock outcrop (potential significance). No impact to feature



Feature #2: Reinformed concrete road bridge railing (potential significance)
Feature to be modified the accommodate road widening works



Feature W8: Fieldstone weir (listed, non-designated significant feature). No Impact to feature anticipated, Feature is a substantial barrier to fish passage and limiting factor in overall channel function and health, Feature to be taken off-line/disconnected from active flow as a result of channel realignment. Feature will be maintained in landscape but will be impacted by loss of flow.



Feature \$4: Fieldstone garden wall with sentinels (listed, non-designated significant feature). No impact to feature anticipated.



Feature #3: Fieldstone werr with steps and sentine) stones (listed, non-designated significant feature). Feature is a substantial barrier to fish passage and limiting factor in overall channel function and health: Feature to be taken off-liened/isoconnected from active flow as a result of channel realignment. Feature will be maintained in landscape but will be impacted by loss of flow

PARISH A Division of aquatic services Matrix Solutions Inc.

York Road Improvements
Clythe Creek Option 3 - Upstream Reach
Cultural Heritage Feature Impacts

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AMEC Foster Wheeler York Road Widening

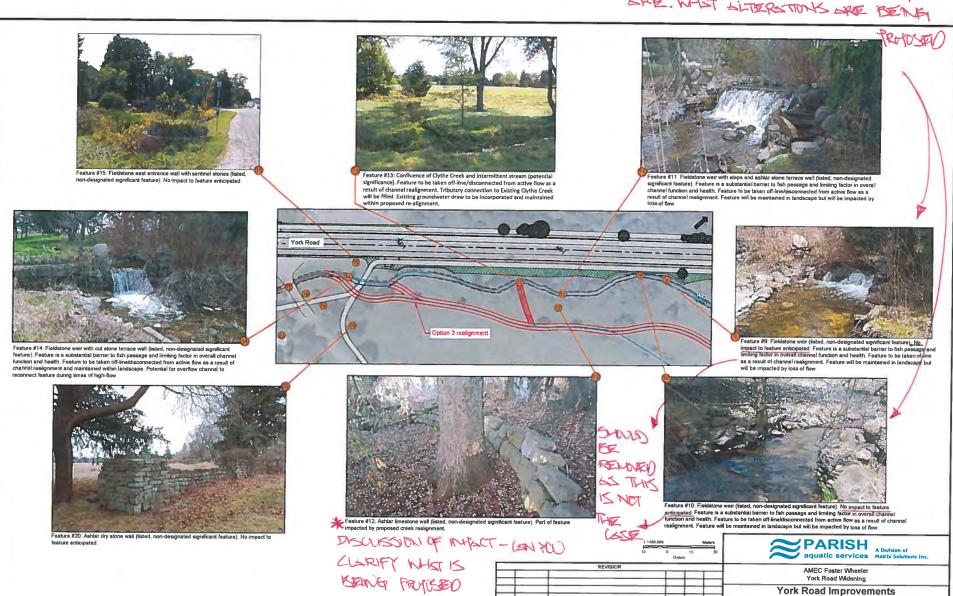
#### ....

- 1 Refer to drawing 02 for photos of features 9, 10, 11 and 12.
- For full plan and profile design information on Option 3, refer to drawings 06-08.

Clythe Creek Option 3 - Upstream Reach

Cultural Heritage Feature Impacts

01 17 2017 22257 York Road 1 Hernchaw J. Hernchaw J. Parish Disease



For full plan and profile design information on Option 3, refer to drawings 06-08
 Refer to drawing 03 for photos of features 17, 18.19 and 21.

00 61 17 2017 Issued to No. DATE

DESCRIPTION



Feature #16: Fieldstone west entrance wall with sentinel stones (listed, non-designated significant feature). Potential for feature to be modified as a result of roadway grading requirements



Feature #24. Fleidstone weir (listed, non-designated significant feature). Feature is a substantial barrier to fish passage and limiting factor in overall channel function and health. Feature to be taken off-linidisconnected from sciive flow as a result of proposed channel works. Potential for feature to be impacted as a result of required gradingfiff as a result of proposed channel works.



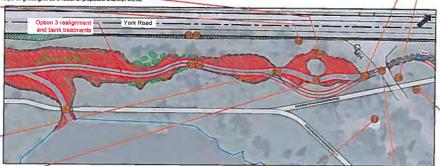
Feature #22: Fieldstone weir (listed, non-designated significant feature). Feature will require modification ef-teatons (confirmed during detailed design) as a result of channel works.



Feature \$18: Fieldstone steps to the south of road bridge (kisted, non-designated significant feature). No impact to feature anticipated. No impact to feature anticipated.



Feature #25: Fieldstone weir (fieted, non-designated significant feature): Feature is a substantial barrier to fish passage and similing factor in overall channel function and health. Feature will require modification opgassessal confirmed during detailed design) as a result of channel works. Option to realign channel around Feature #23 and #25 so they can be maintained in his description.



Feature #19: Entrance sign, ashlar stone with Jack arch



Feature #23. Fieldstone weir (sisted, non-designated significant feature). Feature is a substantia barrier to fish passage and limiting factor in overall channet function and health. Feature will require modification or annual (confirmed during detailed design) as a result of channel works Option to realign channel around Feature #23 and #25 so they can be maintained in landscape.



Feature #21 Willowbank Half (listed, non-designated significant feature). No impact to feature anticipated



No impact to feature anticipated, existing capacity dimensions to be maintained

REMOVEL SHOULD NOT BE AN OPTION (USO SPILES TO FRATURE #722)

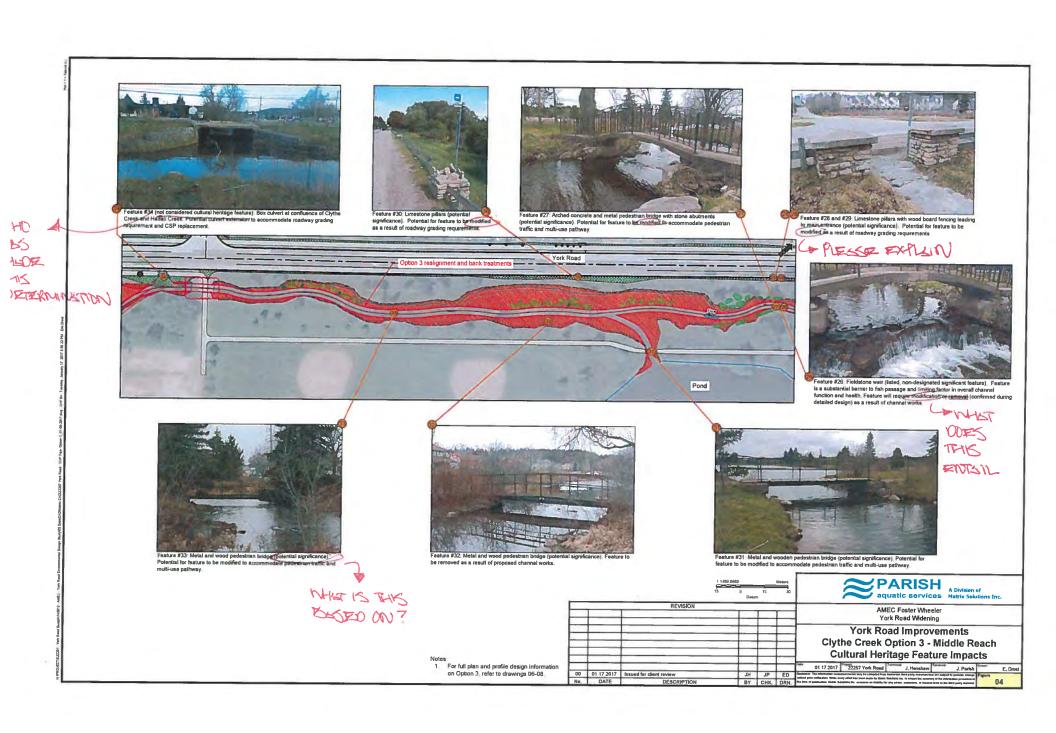
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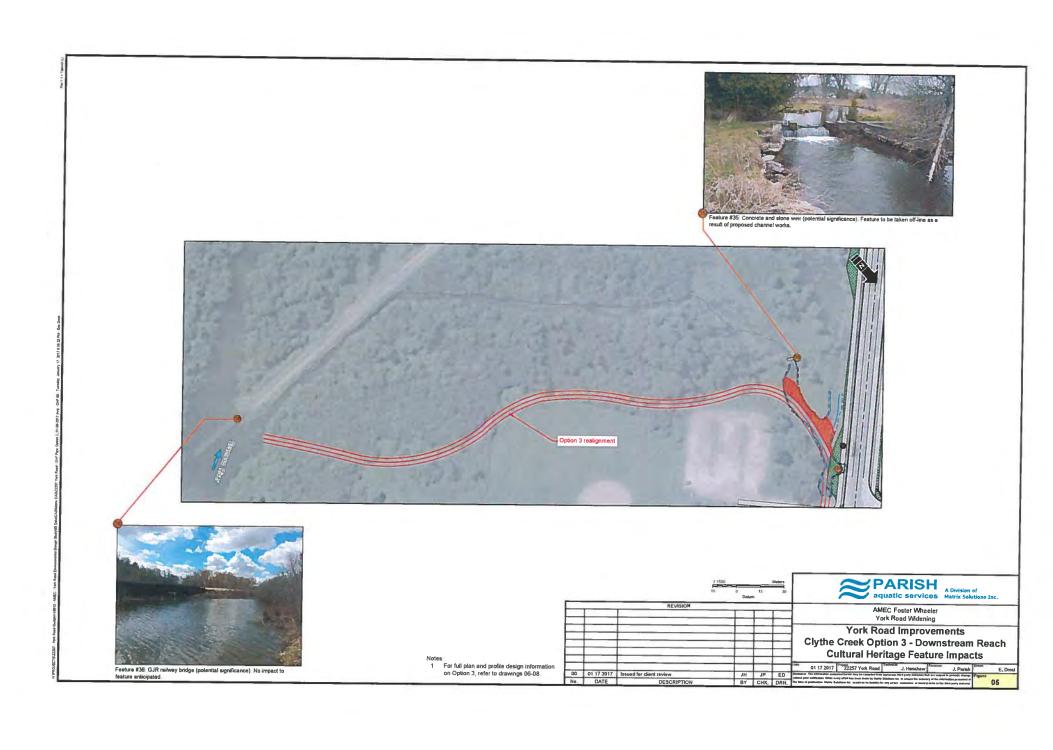
- 1 For full plan and profile design information on
- Option 3, refer to drawings 06-08.
  Refer to drawing 04 for photos of features 26.27 and 31.

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# APPENDIX E ASSESSOR QUALIFICATIONS

Heritage Impact Assessment York Road Environmental Design Study City of Guelph, Ontario



Linda Axford, M.L.A., Senior Heritage Specialist - Ms. Axford has completed cultural heritage studies, including heritage overviews, built heritage and cultural heritage landscape assessments and heritage impact studies in Ontario. These projects have been part of larger environmental studies in support of applications for major road widening, gold mines, and a wind farm; federal designation of a heritage canal system corridor and university campus master plan. Ms. Axford has been working in cultural resource management in Ontario since 2001 and is the Senior Heritage Specialist at Amec Foster Wheeler Environment and Infrastructure in Hamilton. Ms. Axford specializes in Built Heritage and Cultural Landscape Assessments in Ontario. She has worked in heritage for both regional governments and the university sector. She has conducted heritage studies, including built heritage and cultural heritage landscape evaluation in a variety of environments including gold mines and a heritage study of the Welland Canals Corridor.

Shaun Austin, Ph.D., Associate Archaeologist – Dr. Austin is the Senior Advisor to Amec Foster Wheeler's Cultural Heritage Resources group in Ontario and is based in the Hamilton Office. He has been working in Canadian archaeology and heritage since 1976 and as an archaeological and heritage consultant in Ontario since 1987. He is a dedicated consultant with repeated success guiding projects through to completion to the satisfaction of the development proponent, First Nations communities and cultural heritage stakeholder groups. His areas of interest and expertise include pre-contact Aboriginal lithics and ceramics. Dr. Austin holds a Professional Archaeology Licence (P141) issued by the Ontario Ministry of Tourism, Culture and Sport, is MTO RAQs certified in Archaeology/Heritage and is a member of the Ontario Association of Professional Archaeologists.

Cara Howell B.A., Staff Archaeologist – Ms. Howell holds a B.A. Degree in Anthropology and Classical Archaeology from McMaster University and has been working in the field of archaeological consulting since 1999. She holds a Research Archaeological License (R180) in archaeology from the Ontario Ministry of Tourism, Culture and Sport and possesses a full range of archaeological skills. As a result of her specialized interest in the historic Euro-Canadian period, she has become an authority on early Euro-Canadian artifacts and historic period background research. As the archaeology Laboratory Director for Amec Foster Wheeler's Cultural Heritage Resources Group, she developed and implements a computerized cataloguing system for artifacts and other resources. Ms. Howell also serves as lead liaison with First Nations communities.

Project Number: TP115100



# APPENDIX F STANDARD LIMITATIONS



#### **LIMITATIONS**

- 1. The work performed in the preparation of this report and the conclusions presented are subject to the following:
  - (a) The Standard Terms and Conditions which form a part of our Professional Services Contract;
  - (b) The Scope of Services;
  - (c) Time and Budgetary limitations as described in our Contract; and,
  - (d) The Limitations stated herein.
- 2. No other warranties or representations, either expressed or implied, are made as to the professional services provided under the terms of our Contract, or the conclusions presented.
- 3. The conclusions presented in this report were based, in part, on visual observations of the Study Area. Our conclusions cannot and are not extended to include those portions of the Study Area which were not reasonably available, in Amec Foster Wheeler's opinion, for direct observation.
- 4. The potential for heritage resources, and any actual heritage resources encountered, at the Study Area were assessed, within the limitations set out above, having due regard for applicable heritage regulations as of the date of the inspection.
- 5. Services including a background study and property inspection were performed. Amec Foster Wheeler's work, including archival studies and a site visit were conducted in a professional manner and in accordance with the Ministry of Tourism and Culture's guidelines. It is possible that unforeseen and undiscovered heritage resources may be present at the Study Area.
- 6. The utilization of Amec Foster Wheeler's services during the implementation of any further heritage work recommended will allow Amec Foster Wheeler to observe compliance with the conclusions and recommendations contained in the report. Amec Foster Wheeler's involvement will also allow for changes to be made as necessary to suit field conditions as they are encountered.
- 7. This report is for the sole use of the parties to whom it is addressed unless expressly stated otherwise in the report or contract. Any use which any third party makes of the report, in whole or in part, or any reliance thereon, or decisions made based on any information of conclusions in the report, is the sole responsibility of such third party. Amec Foster Wheeler accepts no responsibility whatsoever for damages or loss of any nature or kind suffered by any such third party as a result of actions taken or not taken or decisions made in reliance on the report or anything set out therein.
- 8. This report is not to be given over to any third-party other than a governmental entity, for any purpose whatsoever without the written permission of Amec Foster Wheeler, which shall not be unreasonably withheld.

Project Number: TP115100